



Attorney Docket No. 040070-438 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Jacobus Cornelis HAARTSEN

Group Art Unit: 2663

Application No.: 09/348,495

Examiner: Soon D. Hyun

Filing Date: July 7, 1999

Confirmation No.: 5322

Title: MULTI-MEDIA PROTOCOL FOR SLOT-BASED COMMUNICATION SYSTEMS

AMENDMENT/REPLY TRANSMITTAL LETTER

RECEIVED

FEB 26 2004

Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- A Petition for Extension of Time is also enclosed.
- Terminal Disclaimer(s) and the \$55.00 (2814) \$110.00 (1814) fee per Disclaimer due under 37 C.F.R. § 1.20(d) are also enclosed.
- Also enclosed is/are _____

Small entity status is hereby claimed.

Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the \$385.00 (2801) \$770.00 (1801) fee due under 37 C.F.R. § 1.17(e).

Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.

Applicant(s) previously submitted _____

on _____, for which continued examination is requested.

Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

No additional claim fee is required.
 An additional claim fee is required, and is calculated as shown below.

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims		MINUS =	0	x \$18.00 (1202) =	\$ 0.00
Independent Claims		MINUS =	0	x \$86.00 (1201) =	\$ 0.00
If Amendment adds multiple dependent claims, add \$290.00 (1203)					
Total Claim Amendment Fee					
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					
\$ 0.00					

A check in the amount of _____ is enclosed for the fee due.
 Charge _____ to Deposit Account No. 02-4800.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By



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Date: February 24, 2004



Patent
Attorney's Docket No. 040070-438

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Jacobus Cornelis HAARTSEN) Group Art Unit: 2663
Application No.: 09/348,495) Examiner: Soon D. Hyun
Filed: July 7, 1999) Confirmation No.: 5322
For: MULTI-MEDIA PROTOCOL FOR)
SLOT-BASED COMMUNICATION)
SYSTEMS)

REQUEST FOR RECONSIDERATION

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FEB 26 2004

Technology Center 2600

Sir:

In response to the Office Action mailed December 3, 2003, reconsideration and allowance of the above-identified patent application are respectfully requested. Claims 1-28 remain pending.

Initially, Applicant notes with appreciation the indication that claims 22-24 and 27 have been allowed. Applicant also notes with appreciation the indication in paragraph 7 of the Office Action that claims 3-7, 9, 14-18 and 28 are objected to but would be allowable if rewritten in the manner described in that paragraph.

Claims 1, 2, 8, 12, 13, 19, 25 and 26 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 5,483,524 to *Masui et al.* ("Masui"). This ground of rejection is respectfully traversed.

Masui does not anticipate claim 1 because *Masui* does not disclose all of the elements of claim 1. For example, *Masui* does not disclose the step of "communicating a first data packet on a first one of a set of time slots associated with the synchronous communication link from the first communication unit to the second communication unit by including an address associated with the second

communication unit in the first data packet" as recited in claim 1.

Masui discloses a reservation technique for a CDMA mobile communication system. Referring now to figure 2B and column 5, lines 20-25 of *Masui*, data transfer from a transmitting terminal to a base station requires a reservation packet, while data transfer from the base station to the receiving terminal does not require a reservation packet. The data packet for transmitting information illustrated in figure 6 of *Masui* includes a destination address 34, which can be a link number if a link 7 has been secured. (Col. 7, lines 56-57). It appears that the destination address is 8 associated with the receiving terminal. (See, for example, col. 5, lines 6-19). 7

Accordingly, *Masui* discloses that when a packet is transmitted over the reserved communication link between the transmitting terminal and the base station, the destination address is not that of the base station, but that of the receiving terminal. Therefore, *Masui* discloses transmitting a data packet from a first communication unit (i.e., the transmitting terminal) to a second communication unit (i.e., the base station) with an address of a communication unit other than the second communication unit (i.e., the receiving terminal's address). Accordingly, the address in the data packet from the transmitting terminal is not "an address associated with the second communication unit" as recited in claim 1. 16

The Office Action asserts that traffic channel 9 of *Masui* corresponds to the synchronous communication link recited in Applicant's claim 1. The Office Action also asserts that the transmitting terminal and the receiving terminal of *Masui* respectively correspond to the first and second communication units recited in Applicant's claim 1. *Masui* discloses that traffic channel 9 can be reserved for each data packet separately or can be reserved for a plurality of contiguous or intermittent slots by sending a single reservation packet. (Col. 6, lines 52-57). However, the 25 traffic channel 9 between the transmitting or receiving units and the base station is 26 not a synchronous communication link, nor does it comprise a set of time slots 27 associated with the synchronous communication link. Additionally, *Masui* does not 28 disclose that the communication link from the transmitting terminal through the base station to the destination terminal is, as asserted by the Office Action, a synchronous communication link.

Because *Masui* does not disclose a synchronous communication link, *Masui*

cannot disclose the step of "communicating a first data packet on a first one of a set of time slots associated with the synchronous communication link from the first communication unit to the second communication unit by including an address associated with the second communication unit in the first data packet" as recited in claim 1.

Claims 2, 8 and 25 variously depend from claim 1, and are, therefore, patentably distinguishable over *Masui* for at least those reasons discussed above with regard to claim 1.

Claim 12 recites a communication system with similar elements to those discussed above with regard to claim 1, and hence, claim 12 is not anticipated by *Masui* for similar reasons to those discussed above in connection with claim 1. Claims 13, 19 and 26 variously depend from claim 12, and are, therefore, patentably distinguishable over *Masui* for at least those reasons discussed above with regard to claim 12.

For at least those reasons stated above, it is respectfully requested that the rejection of claims 1, 2, 8, 12, 13, 19, 25 and 26 as allegedly being unpatentable over *Masui* be withdrawn.

Claims 10, 11, 20 and 21 are rejected under 35 U.S.C. §103(a) as being unpatentable over *Masui*. This ground of rejection is respectfully traversed.

Claims 10, 11, 20 and 21 variously depend from claims 1 and 12. As discussed above, *Masui* does not disclose all of the elements of claims 1 and 12. It is respectfully submitted that *Masui* does not suggest all of the elements of claims 1 and 12. Because *Masui* does not disclose or suggest all of the elements of claims 1 and 12, *Masui* cannot render unpatentable claims 10, 11, 20 and 21, which variously depend from claims 1 and 12.

For at least those reasons stated above, it is respectfully requested that the rejection of claims 10, 11, 20 and 21 for obviousness in view of *Masui* be withdrawn.

All outstanding objections and rejections having been addressed, it is respectfully submitted that the present application is in condition for allowance. Notice to this effect is earnestly solicited. If there are any questions regarding this response or the application in general, the Examiner is encouraged to contact the undersigned at 703-838-6578.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: February 24, 2004

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